

Ash Road Bridge

Tony Gee was appointed as the contractor design support for the permanent works design of the Ash Road bridge development scheme on behalf of the Guildford Borough Council. The scheme consists of the removal of the existing level crossing reducing high-level traffic, particularly in rural areas.

The scheme required the installation of 19 bridge beams, some of which weighing up to 47 tonnes. Designs included the levelling of the wing wall pile cap and alterations to the deck arrangement to simplify construction and reduce project duration.

Cost-saving measures included changes to the maintenance access bridges structural form from integral piled bridges to precast box culverts along with changes to the maintenance tracks from a proprietary product to gravel.

This scheme allows for less disruption by reducing vehicular use at the former level crossing whilst also allowing new homes to be built in the surrounding area.

Key points:

- Contractor design support
- Works examination to ensure successful installation of design
- Site support and inspection provided

